

Message Text

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ORIGIN NRC-07

INFO OCT-01 ARA-14 EUR-12 ISO-00 OES-07 IO-14 ACDA-12
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INFO AMEMBASSY BRASILIA PRIORITY
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E.O. 11652:N/A

TAGS: TECH, AU

SUBJECT:REQUEST BY BRAZIL FOR NRC NUCLEAR SAFETY ASSISTANCE

REF: A. VIENNA 0113; B. STATE 18775

1. SUMMARY. AS PLANNED, MORRIS ROSEN CONSULTED WITH NRC FOLLOWING HIS JAN-FEB VISIT TO BRAZIL. HE PRESENTED TO NRC A REVISED LIST OF REACTOR SAFETY ASSISTANCE ACTIVITIES WHICH CNEN WOULD LIKE TO RECEIVE FROM NRC, UNDER IAEA AUSPICES, IN THE PERIOD APRIL 1978 TO MARCH 1979. NRC HAS ARRANGED AVAILABILITY OF STAFF EXPERTS TO RESPOND TO UNCLASSIFIED

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CERTAIN OF THESE REQUESTS. END SUMMARY.

2. DURING THE WEEK OF FEBRUARY 6, MORRIS ROSEN VISITED WASHINGTON TO CONSULT WITH NRC ON THE FINDINGS OF HIS VISIT TO BRAZIL, INCLUDING HIS VISIT TO THE ANGRA POWER REACTOR SITE. HE LEFT WITH NRC REVISED LIST OF REACTOR SAFETY ADVISORY ACTIVITIES ON WHICH CNEN WOULD LIKE TO RECEIVE NRC

ASSISTANCE. A SUMMARY OF THAT LIST FOLLOWS.

(A) ONE EXPERT FOR TWO TO FOUR WEEKS IN APRIL 1978 TO ASSIST IN THE REVIEW OF THE FINAL SAFETY ANALYSIS REPORT SECTIONS ON RADIOLOGICAL PROTECTION (DOSE CALCULATIONS) AND WASTE TREATMENT SYSTEMS.

(B) ONE EXPERT FROM MAY 2 TO MAY 20, 1978, TO TRAIN CNEN STAFF IN MATTERS RELATED TO THE LICENSING OF REACTOR OPERATORS, INCLUDING THE PREPARATION OF THEORETICAL EXAMS, PREPARATION AND USE OF PRACTICAL TESTS, REVIEWS OF OPERATOR TRAINING AND QUALIFICATIONS, AND REVIEWS OF THE ORGANIZATION OF OPERATING CREWS. THE SAME EXPERT TO VISIT AGAIN EARLY IN 1979 (E.G., JANUARY) TO WITNESS THE FIRST PRACTICAL TESTS.

(C) TWO EXPERTS, PREFERABLY WITH EXPERIENCE IN SITE CONSTRUCTION, FOR TWO WEEKS BEFORE JULY 1978 TO CONDUCT A TRAINING COURSE ON GENERAL INSPECTION PROCEDURES DURING CONSTRUCTION.

(D) TWO EXPERTS FOR THREE WEEKS IN AUGUST OR LATER IN 1978 TO CONDUCT A TRAINING COURSE AT THE ANGRA SITE ON REGULATORY REQUIREMENTS FOR PRE-OPERATIONAL TESTS, INCLUDING REVIEW OF TEST PROGRAMS FOR AUXILIARY, SAFETY, ELECTRICAL, AND CONTROL SYSTEMS.

(E) ONE EXPERT IN DECEMBER 1978 OR EARLY IN 1979 TO REVIEW PRE-OPERATIONAL TEST RESULTS.

(F) TWO EXPERTS FOR TWO TO THREE WEEKS IN FEBRUARY OR UNCLASSIFIED

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MARCH 1979, OR LATER, TO REVIEW THE ANGRA I START-UP TEST PROGRAM AND TO ASSIST CNEN DURING CORE LOADING, CRITICALITY APPROACH AND POWER ASCENSION.

3. NRC IS PREPARED TO MAKE FOLLOWING COMMITMENTS AT THIS TIME:

TASK 2(A): NRC PROPOSES TO PROVIDE SERVICES OF MR. WAYNE BRITZ, RADIOLOGICAL ASSESSMENT BRANCH, DIVISION OF SITE SAFETY AND ENVIRONMENTAL ANALYSIS, FOR A PERIOD OF A WEEK TO 10 DAYS. PREFERRED STARTING DATE WOULD BE APRIL 24.

TASK 2(B): NRC PROPOSES TO PROVIDE SERVICES OF MR. PAUL F. COLLINS, CHIEF, OPERATOR LICENSING BRANCH, DIVISION OF PROJECT MANAGEMENT, FOR A PERIOD OF ONE WEEK IN MAY 1978, PREFERABLY THE WEEK BEGINNING MAY 22. NRC WILL ALSO PROVIDE COLLINS OR ALTERNATE FOR ONE WEEK PERIOD AT THE APPROPRIATE TIME (E.G., EARLY 1979) TO WITNESS THE FIRST PRACTICAL TESTS.

TASK 2(C): RATHER THAN ATTEMPT TO DEVELOP AND DELIVER A TRAINING COURSE IN BRAZIL, NRC WOULD LIKE TO PROPOSE FOR CNEN TO ASSIGN PERHAPS TWO OF ITS STAFF MEMBERS TO A TOUR OF DUTY IN AN NRC REGIONAL (INSPECTION) OFFICE. THE BRAZILIANS WOULD HAVE AN OPPORTUNITY FOR INFORMAL, DETAILED

DISCUSSIONS OF THE NRC INSPECTION PROGRAM WITH THE REGIONAL STAFF AND WOULD ACCOMPANY NRC INSPECTORS DURING INSPECTIONS TO SEE EXACTLY HOW THEY ARE PERFORMED. NRC WILL AWAIT ADVICE OF IAEA OR CNEN ON SUITABILITY AND TIMING OF THIS ASSISTANCE.

TASK 2(D): NRC PROPOSES TO PROVIDE THE SERVICES OF TWO PEOPLE, MR. ROBERT MCDERMOTT, QUALITY ASSURANCE BRANCH,

DIVISION OF PROJECT MANAGEMENT, AND MR. KERMIT WHITT, DIVISION OF OPERATIONS INSPECTION. MR. MCDERMOTT WOULD BE MADE AVAILABLE FOR A ONE-WEEK PERIOD TO ADVISE ON REGULATORY REQUIREMENTS FOR BOTH PRE-OPERATIONAL AND START-UP TESTING PROGRAMS. HE WOULD CONCENTRATE ON THE TECHNICAL DETAILS OF DEFINING THE SCOPE OF SUCH PROGRAMS.
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MR. WHITT WOULD BE MADE AVAILABLE FOR THREE WEEKS TO FAMILIARIZE TECHNICALLY TRAINED PERSONNEL WITH A WORKABLE ADMINISTRATIVE SYSTEM THAT SHOULD ASSURE AN EFFECTIVE TESTING PROGRAM. NRC WILL AWAIT ADVICE OF IAEA OR CNEN ON TIMING OF BOTH ELEMENTS OF THIS ASSISTANCE.

TASK 2(E): NRC PROPOSES TO PROVIDE SERVICES OF AN INSPECTOR (NOT YET IDENTIFIED) FROM ITS REGION I OFFICE FOR A PERIOD OF ONE MONTH TO ASSIST BRAZILIAN PERSONNEL IN THE REVIEW AND EVALUATION OF PRE-OPERATIONAL TEST RESULTS. NRC WILL AWAIT IAEA OR CNEN ADVICE ON TIMING OF THIS ASSISTANCE.

TASK 2(F): NRC PROPOSES TO PROVIDE SERVICES OF GERALD KLINGER, SR. REACTOR INSPECTOR, DIVISION OF REACTOR OPERATIONS INSPECTION, FOR PERIOD OF APPROXIMATELY THREE WEEKS TO PROVIDE ADVICE TO CNEN REGULATORY PERSONNEL REGARDING THE REVIEW AND EVALUATION OF THE ADMINISTRATIVE AND TECHNICAL PROGRAMS FOR THE STARTUP TEST PROGRAM. NRC WILL AWAIT ADVICE OF IAEA OR CNEN ON TIMING OF THIS ASSISTANCE.

4. IAEA MISSION: PLEASE PASS INFORMATION TO ROSEN OR OTHER INTERESTED PARTIES TO CONFIRM NRC UNDERSTANDING OF REQUESTS WHICH HAVE BEEN MADE BY CNEN AND TO INDICATE NRC'S WILLINGNESS TO PROVIDE ASSISTANCE AS OUTLINED ABOVE.

5. INFO ADDRESSEES MAY USE INFORMATION IN DISCUSSIONS WITH H. DECARVALHO OR OTHER BRAZILIAN OFFICIALS TO INDICATE EFFORT BEING MADE TO BE RESPONSIVE TO REQUESTS FOR ASSISTANCE ON REACTOR SAFETY MATTERS. COOPER

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